

A. Topics I would like to cover in my presentation:

1) Chapter 6: AWS Identity and Access Management (IAM)

- Principals
- Authentication
- Authorization
- Multifactor Authentication
- Rotating Keys

Or

2) Security & Identity Fundamentals

- a. Google Cloud's Identity and Access Management (IAM)
- b. IAM Custom Rule.
- c. User Authentication
- d. VPN network Peering

B. My focus and my interest on class:

- a. To get exposure on AWS and cloud services.
- b. Uploading File Bucket
- c. Learn the latest features of cloud environment.
- d. This can help me in my future job, how the cloud services works to have a better idea.
- e. Anytime, anywhere we can access to learn these features.

C. Preliminary ideas on semester project:

1) Build an AWS project using AWS services relatevent to my presentation.

- a. User Authenticating to AWS console with IAM User Account.
- b. Application Authentication to AWS API with User Account.
- c. User or Application using temporary Security Token.

Or

2) Project on Data visualization

- Seeing how the cyclists used the cycles over time. We can understand the usage pattern and the human behavior depending on the area and time of usage.

